

Defense Sciences Engineering Division

We deliver technical solutions to the difficult challenges facing our nation. With core competencies spanning the diverse field of electrical engineering, DSED brings innovation and technical excellence to our National Defense and Homeland Security mission areas.

Engineering Needs

- Control Systems
- Diagnostic Systems
- Signal and Image Processing
- Instrumentation and Sensors
- Pulsed Power
- Communications
- High-Speed Digital Systems
- Radiation Detection
- Electro-Optics

Technical Needs

- Laser Electro-Optics Technicians and Associates
- Pulsed Power Technicians
- Radio Frequency/Microwave Technicians
- Data Acquisition and Control Technicians/Programmers

Notes

Laser Engineering Division

We provide management, technical, construction, and operational support for a wide range of facilities, systems, processes, and applications for the National Ignition Facility. We also provide electronics engineering solutions for other advanced development laser/optical science and technology projects.

Engineering Needs

- Computer Controls Software Engineering
- Laser, Optical, and Electro-Optical Engineering
- High-Speed Laser and Target Diagnostics Engineering

Electronics Engineering Technologies Division

We develop and deploy advanced capabilities in information security and communication, micro- and nanotechnology, miniaturized instrumentation, systems sciences, and electronics manufacturing.

Engineering Needs

- Embedded and Distributed Controls, Network Analysis and Security, Knowledge Management, Large-Scale Hardware and Software Architecture
- Advanced Software Engineering: Oracle, XML, JSP, JAVA, C++, SOAP, and Web
- Microfabrication Techniques, MEMS, Microfluidics, Thin Films, Photolithography, GaAs Substrates, Mask Design, and Photonics
- Data Acquisition, Image/Signal Processing, Wireless Communication and Networks, Remote Sensing Applications, and THz Research
- Operations Research, Simulation Modeling, Engineering Economics, and Applied Statistics
- Computer Systems Management, Mathematical Programming, and Graphical Information Systems (GIS)

For more information about our job opportunities and how to submit your resume, go to our web page at <http://jobs.llnl.gov/>

LLNL is proud to be an Equal Opportunity Employer with a commitment to workforce diversity.

U.S. citizenship and the ability to obtain a Department of Energy clearance is required (permanent residency does not meet this requirement).